

ABSTRACT

5 A software system with task-specific flexible  
bindings that enhance the ability to dynamically add  
and remove resources from availability to tasks and  
that eliminates the need for coordination of globally  
unique names. The software system includes a task-  
specific name space which corresponds to a task  
executing in the software system. The task-specific  
name space holds flexible bindings each of which  
10 associates a task-specific name used by the task to  
refer to a desired resource or a set of one or more  
resources of the computer system and to information  
that describes the desired resource. The software  
system includes a resource mediator that obtains a  
15 message from the task. The resource mediator keeps  
information for each resource that identifies a  
resource handler task for the desired resource by  
resolving the task-specific name using the flexible  
binding.

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